



Philips
LCD TV with Digital
Crystal Clear

22"

integrated digital

22PFL5403

DIGITAL
CRYSTALCLEAR

HD
ready

INCREDIBLE
SURROUND

2x
HDMI

easy
LINK
HDMI

TV
PC-IN

DVB-T
TERRESTRIAL

SmartMode

Brilliant design, powerful performance.

Style and performance meet in one complete experience. Combining HD display, Digital Crystal Clear and fantastic invisible sound, this Flat TV provides brilliant design and powerful performance for years to come.

Vivid and razor sharp pictures

- Digital Crystal Clear for detail depth and clarity
- HD LCD display, with a 1680 x 1050p resolution
- HD Ready for the highest quality display of HD signals
- Up to 5ms response time for clear, fast moving action

Pure and powerful sound

- Superb audio enjoyment from unique invisible speakers
- Incredible Surround for enhanced audio enjoyment

Connect, install and enjoy

- 2 HDMI inputs for full digital HD connection in one cable
- EasyLink: easy control of TV & connected device via HDMI CEC
- PC-input allows you to use your TV as a PC monitor
- Smart mode selects a perfect mode for what you are watching

Ready for digital

- Integrated Digital Tuner for DVB-T reception



PHILIPS

sense and simplicity

Specifications

Picture/Display

- **Aspect ratio:** Widescreen
- **Brightness:** 300 cd/m²
- **Contrast ratio (typical):** 1000:1
- **Response time (typical):** 5 ms
- **Viewing angle:** 170° (H) / 160° (V)
- **Diagonal screen size:** 22 inch / 56 cm
- **Display screen type:** LCD WSXGA Active Matrix TFT
- **Panel resolution:** 1680 x 1050p
- **Picture enhancement:** 3/2 - 2/2 motion pull down, 3D Combfilter, White stretch, Digital Crystal Clear, Progressive Scan, Smart Picture
- **Screen enhancement:** Anti-Reflection coated screen

Supported Display Resolution

• Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
1680 x 1050	50Hz, 60Hz

• Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576i	50Hz
576p	50Hz
720p	50, 60Hz
1080i	50, 60Hz
1080p	24, 50, 60Hz

Sound

- **Output power (RMS):** 2 x 5W
- **Sound Enhancement:** Auto Volume Leveller, Incredible Surround, Smart Sound
- **Sound System:** Mono, Stereo

Convenience

- **Clock:** Sleep Timer, Start timer, Stop timer
- **Connection Enhancement:** Easy link
- **Ease of Installation:** Auto Program Naming, Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Plug & Play
- **Ease of Use:** Auto Volume Leveller (AVL), On Screen Display, Program List, Side Control
- **Electronic Program Guide:** Now + Next EPG, 8

- day Electronic Program Guide
- **Picture in Picture:** Text dual screen
- **Remote Control:** TV
- **Remote control type:** RCPF05E08B
- **Screen Format Adjustments:** 4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
- **Teletext:** 100 page Smart Text
- **Smart mode:** Movie, Personal, Power saver, Standard, Vivid

Tuner/Reception/Transmission

- **Aerial Input:** 75 ohm coaxial (IEC75)
- **TV system:** PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM D/K, SECAM L/L'
- **Video Playback:** NTSC, SECAM, PAL
- **DVB:** DVB Terrestrial *
- **Tuner bands:** Hyperband, S-Channel, UHF, VHF

Connectivity

- **Ext 1 Scart:** Audio L/R, CVBS in/out, RGB
- **Ext 2:** S-video in, CVBS in, Audio L/R in
- **Ext 3:** YPbPr, Audio L/R in
- **HDMI 1:** HDMI v1.3
- **HDMI 2:** HDMI v1.3
- **EasyLink (HDMI-CEC):** One touch play, System standby
- **Other connections:** Headphone out, PC Audio in, PC-In VGA, S/PDIF out (coaxial), Common Interface

Power

- **Ambient temperature:** 5 °C to 35 °C
- **Mains power:** 100-240V, 50/60Hz
- **Power consumption:** 53 W
- **Standby power consumption:** <0.3 W

Dimensions

- **Set dimensions (W x H x D):** 538 x 375 x 71 mm
- **Set dimensions with stand (W x H x D):** 538 x 428 x 205 mm
- **Box dimensions (W x H x D):** 643 x 481 x 237 mm
- **VESA wall mount compatible:** 100 x 100 mm

Accessories

- **Included Accessories:** Table top stand, Power cord, Quick start guide, User Manual, Warranty certificate, Remote Control, Batteries for remote control

Product highlights

Digital Crystal Clear

Digital Crystal Clear is a package of picture innovations that digitally adjusts and optimizes picture quality to optimal contrast, color and sharpness levels. It's like watching vivid cinema-like images.

LCD display, 1680 x 1050p

This WSXGA display with state-of-the-art LCD screen technology gives you widescreen HD resolution of 1680 x 1050p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

HD Ready

Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV settop box or Blu-ray disc. HD Ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer a HD screen that displays the benefits of resolution and picture quality of a High Definition signal. It has a universal connection for both analog YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60Hz.

Integrated Digital DVB-T tuner

The integrated DVB-T tuner lets you receive Digital Terrestrial TV to watch or record. This means you do not need an additional set top box and also the additional cables.

Incredible Surround

Incredible Surround is an audio technology from Philips that dramatically magnifies the sound field to immerse you in the audio. Using state-of-the-art electronic phase shifting, Incredible Surround mixes sounds from left and right in such a way that it expands the virtual distance between the two speakers. This wider spread greatly enhances the stereo effect and creates a more natural sound dimension. Incredible Surround allows you to experience total surround with greater depth and width of sound, without the use of additional speakers.

2 HDMI inputs

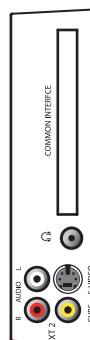
HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analog signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection. With 2 HDMI inputs you can connect multiple HD sources, for instance an HD settop box, and a Blu-ray player. Your TV is fully prepared for the HD future.

EasyLink

EasyLink uses the HDMI CEC industry standard protocol to share functionality between connected devices and the TV. With EasyLink only one remote control is needed to operate main functionalities on your TV and connected devices. EasyLink uses the standard HDMI cable to transfer system commands. It works between all electronic devices equipped with HDMI CEC.

PC input (VGA)

With PC input you can connect your TV to a computer by a VGA cable and use the TV as a PC monitor.



Issue date 2009-02-20

Version: 1.0.2

12 NC: 8670 000 51737
EAN: 87 12581 47785 1

© 2009 Koninklijke Philips Electronics N.V.
All Rights reserved.

Specifications are subject to change without notice.
Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

www.philips.com